

Motor Version	Voltage LiHV [V]	Propeller Size	Throttle Range	Amperage	Power Input		Thrust Output			RPM	Efficiency		
				[A]	[W]	[hp]	[g]	[N]	[lb]	[rev/min]	[g/W]	[lb/hp]	
				(Lower is Better)	(Lower is Better)		(Higher is Better)			(Higher is Better)	(Higher is Better)		
KDE7208XF-110 (110Kv, HE) KDEXF-UAS75HVC S.R. Enabled	23.1V (6S) 26.1V MAX	24.5" x 8.1 DUAL-EDN (KDE)	25.0%	0.3	7	0.01	170	1.67	0.37	720	24.29	39.93	
			37.5%	0.7	18	0.02	360	3.53	0.79	1020	20.00	32.88	
			50.0%	1.4	36	0.05	650	6.37	1.43	1360	18.06	29.68	
			62.5%	2.3	60	0.08	970	9.51	2.14	1680	16.17	26.58	
			75.0%	3.6	93	0.12	1330	13.04	2.93	1960	14.30	23.51	
			87.5%	5.2	135	0.18	1750	17.16	3.86	2280	12.96	21.31	
			100.0%	7.2	187	0.25	2300	22.56	5.07	2560	12.30	20.22	
		24.5" x 8.1 TRIPLE-EDN (KDE)	25.0%	0.4	10	0.01	240	2.35	0.53	720	24.00	39.46	
			37.5%	0.8	20	0.03	450	4.41	0.99	1020	22.50	36.99	
			50.0%	1.9	49	0.07	810	7.94	1.79	1360	16.53	27.18	
			62.5%	3.1	80	0.11	1200	11.77	2.65	1640	15.00	24.66	
			75.0%	4.9	127	0.17	1640	16.08	3.62	1920	12.91	21.23	
			87.5%	7.1	185	0.25	2110	20.69	4.65	2200	11.41	18.75	
		27.5" x 8.9 DUAL-EDN (KDE)	100.0%	9.8	255	0.34	2740	26.87	6.04	2480	10.75	17.66	
			25.0%	0.4	10	0.01	250	2.45	0.55	780	25.00	41.10	
			37.5%	1.1	28	0.04	580	5.69	1.28	1080	20.71	34.05	
			50.0%	2.1	54	0.07	990	9.71	2.18	1440	18.33	30.14	
			62.5%	3.7	96	0.13	1480	14.51	3.26	1680	15.42	25.34	
			75.0%	5.8	151	0.20	2050	20.10	4.52	1980	13.58	22.32	
			87.5%	8.3	216	0.29	2610	25.60	5.75	2220	12.08	19.86	
		27.5" x 8.9 TRIPLE-EDN (KDE)	100.0%	11.0	287	0.38	3270	32.07	7.21	2480	11.39	18.73	
			25.0%	0.6	15	0.02	360	3.53	0.79	780	24.00	39.46	
			37.5%	1.4	36	0.05	710	6.96	1.57	1080	19.72	32.42	
			50.0%	2.7	70	0.09	1210	11.87	2.67	1320	17.29	28.42	
			62.5%	4.9	127	0.17	1790	17.55	3.95	1640	14.09	23.17	
			75.0%	7.6	198	0.27	2380	23.34	5.25	1880	12.02	19.76	
		30.5" x 9.7 DUAL-EDN (KDE)	87.5%	10.6	276	0.37	3020	29.62	6.66	2120	10.94	17.99	
			100.0%	13.9	362	0.49	3780	37.07	8.33	2320	10.44	17.17	
			25.0%	0.5	13	0.02	370	3.63	0.82	720	28.46	46.79	
			37.5%	1.3	33	0.04	760	7.45	1.68	960	23.03	37.86	
	50.0%		2.8	73	0.10	1310	12.85	2.89	1280	17.95	29.50		
	62.5%		4.9	127	0.17	1920	18.83	4.23	1560	15.12	24.85		
	30.8V (8S) 34.8V MAX	24.5" x 8.1 DUAL-EDN (KDE)	75.0%	7.8	203	0.27	2590	25.40	5.71	1800	12.76	20.98	
			87.5%	11.1	289	0.39	3300	32.36	7.28	2040	11.42	18.77	
			100.0%	15.1	394	0.53	4200	41.19	9.26	2280	10.66	17.52	
			25.0%	0.5	17	0.02	290	2.84	0.64	960	17.06	28.04	
			37.5%	1.1	38	0.05	650	6.37	1.43	1360	17.11	28.12	
			50.0%	2.2	76	0.10	1130	11.08	2.49	1880	14.87	24.44	
		24.5" x 8.1 TRIPLE-EDN (KDE)	62.5%	3.6	125	0.17	1650	16.18	3.64	2220	13.20	21.70	
			75.0%	5.6	194	0.26	2240	21.97	4.94	2560	11.55	18.98	
			87.5%	8.3	288	0.39	2930	28.73	6.46	2940	10.17	16.73	
			100.0%	11.4	396	0.53	3830	37.56	8.44	3360	9.67	15.90	
	25.0%		0.6	20	0.03	370	3.63	0.82	920	18.50	30.41		
	37.5%		1.4	48	0.06	810	7.94	1.79	1320	16.88	27.74		
	50.0%		2.9	100	0.13	1400	13.73	3.09	1800	14.00	23.02		
	27.5" x 8.9 DUAL-EDN (KDE)	62.5%	4.9	170	0.23	1980	19.42	4.37	2180	11.65	19.15		
		75.0%	7.6	264	0.35	2640	25.89	5.82	2480	10.00	16.44		
		87.5%	10.8	375	0.50	3380	33.15	7.45	2800	9.01	14.82		
		100.0%	15.3	532	0.71	4420	43.35	9.74	3180	8.31	13.66		
		25.0%	0.6	20	0.03	440	4.31	0.97	960	22.00	36.17		
		37.5%	1.6	55	0.07	1000	9.81	2.20	1440	18.18	29.89		
	27.5" x 8.9 TRIPLE-EDN (KDE)	50.0%	3.3	114	0.15	1660	16.28	3.66	1740	14.56	23.94		
		62.5%	5.7	198	0.27	2420	23.73	5.34	2180	12.22	20.09		
		75.0%	9.0	313	0.42	3260	31.97	7.19	2520	10.42	17.12		
		87.5%	12.9	448	0.60	4080	40.01	8.99	2780	9.11	14.97		
		100.0%	17.2	598	0.80	5110	50.11	11.27	3120	8.55	14.05		
		25.0%	0.9	31	0.04	600	5.88	1.32	960	19.35	31.82		
		37.5%	2.0	69	0.09	1210	11.87	2.67	1320	17.54	28.83		
	30.5" x 9.7 DUAL-EDN (KDE)	50.0%	4.3	149	0.20	1970	19.32	4.34	1720	13.22	21.74		
		62.5%	7.6	264	0.35	2860	28.05	6.31	2080	10.83	17.81		
		75.0%	11.7	407	0.55	3760	36.87	8.29	2380	9.24	15.19		
		87.5%	16.4	570	0.76	4620	45.31	10.19	2600	8.11	13.32		
		100.0%	21.5	748	1.00	5610	55.02	12.37	2840	7.50	12.33		
		25.0%	0.7	24	0.03	620	6.08	1.37	900	25.83	42.47		
	38.5V (10S) 43.5V MAX	24.5" x 8.1 DUAL-EDN (KDE)	37.5%	2.1	73	0.10	1260	12.36	2.78	1260	17.26	28.38	
			50.0%	4.4	153	0.21	2160	21.18	4.76	1680	14.12	23.21	
			62.5%	7.9	274	0.37	3140	30.79	6.92	1980	11.46	18.84	
			75.0%	11.3	393	0.53	4020	39.42	8.86	2280	10.23	16.82	
			87.5%	17.0	591	0.79	5080	49.82	11.20	2500	8.60	14.13	
			100.0%	22.6	786	1.05	6160	60.41	13.58	2780	7.84	12.88	
		24.5" x 8.1 TRIPLE-EDN (KDE)	25.0%	0.6	26	0.03	460	4.51	1.01	1280	17.69	29.09	
			37.5%	1.4	60	0.08	960	9.41	2.12	1740	16.00	26.30	
			50.0%	2.9	126	0.17	1650	16.18	3.64	2220	13.10	21.53	
			62.5%	5.3	230	0.31	2510	24.61	5.53	2780	10.91	17.94	
	75.0%		8.0	348	0.47	3360	32.95	7.41	3180	9.66	15.87		
	87.5%		11.7	508	0.68	4260	41.78	9.39	3600	8.39	13.79		
	100.0%		16.2	704	0.94	5500	53.94	12.13	3980	7.81	12.84		
	27.5" x 8.9 DUAL-EDN (KDE)	25.0%	0.6	26	0.03	560	5.49	1.23	1180	21.54	35.41		
		37.5%	1.9	82	0.11	1170	11.47	2.58	1640	14.27	23.46		
		50.0%	4.2	182	0.24	2020	19.81	4.45	2160	11.10	18.25		
		62.5%	6.8	295	0.40	2960	29.03	6.53	2600	10.03	16.50		
		75.0%	11.1	482	0.65	3910	38.34	8.62	3040	8.11	13.34		
		87.5%	15.9	691	0.93	4860	47.66	10.71	3380	7.03	11.56		
		100.0%	21.5	935	1.25	6100	59.82	13.45	3720	6.52	10.73		
		27.5" x 8.9 TRIPLE-EDN (KDE)	25.0%	0.8	34	0.05	690	6.77	1.52	1200	20.29	33.36	
	37.5%		2.3	100	0.13	1470	14.42	3.24	1680	14.70	24.17		
	50.0%		4.6	200	0.27	2420	23.73	5.34	2180	12.10	19.89		
	62.5%		8.0	348	0.47	3490	34.23	7.69	2580	10.03	16.49		
	75.0%		12.8	556	0.75	4570	44.82	10.08	2970	8.22	13.51		
	87.5%		19.0	826	1.11	5760	56.49	12.70	3380	6.97	11.46		
	27.5" x 8.9 TRIPLE-EDN (KDE)	100.0%	23.7	1030	1.38	6750	66.19	14.88	3540	6.55	10.77		
		25.0%	1.2	52	0.07	930	9.12	2.05	1180	17.88	29.40		
		37.5%	3.1	134	0.18	1790	17.55	3.95	1640	13.36	21.96		
		50.0%	6.0	261	0.35	2820	27.65	6.22	2040	10.80	17.76		
		62.5%	11.0	478	0.64	4050	39.72	8.93	2440	8.47	13.93		
		75.0%	16.3	709	0.95	5020	49.23	11.07	2780	7.08	11.64		
	27.5" x 8.9 TRIPLE-EDN (KDE)	87.5%	23.1	1004	1.35	6190	60.70	13.65	2980	6.17	10.14		
		100.0%	29.0	1261	1.69	7120	69.82	15.70	3080	5.65	9.28		
		Note : performance chart provided under the test conditions listed below. Measurements taken under alternate conditions will affect the final results. <i>Location</i> : KDE Direct HQ Dynamometer V2 (Bend, Oregon) <i>Altitude</i> : 3730 ft (1137 m) <i>Pressure</i> : 30.3 inHg (1026 hPa) <i>Temperature</i> : 72 °F (22°C) <i>Humidity</i> : 35% (Relative)											